

CLAIMS

What is claimed is:

1. An apparatus for restricting movement of a patient's head, the apparatus comprising:
 - a frame; and
 - a plurality of constraints engaged with the frame to constrain the patient's head relative to the frame, wherein the plurality of constraints includes a first constraint including an axis oriented generally radial to the patient's head, the first constraint configured to permit at least four degrees of motion, a first degree of motion of the at least four degrees of motion generally permitting motion transverse to the axis of the first constraint.
2. The apparatus of claim 1, wherein the plurality of constraints exactly constrain the patient's head relative to the frame.
3. The apparatus of claim 1, wherein the first constraint permits exactly five degrees of motion.
4. The apparatus of claim 2, wherein the first constraint permits exactly five degrees of motion.
5. The apparatus of claim 1, further comprising:
 - a support structure that supports the frame, the support structure including a vest that is configured to be worn by the patient.
6. The apparatus of claim 2, further comprising:
 - a support structure that supports the frame, the support structure including a vest that is configured to be worn by the patient.
7. The apparatus of claim 3, further comprising:
 - a support structure that supports the frame, the support structure including a vest that is configured to be worn by the patient.

8. The apparatus of claim 4, further comprising:
a support structure that supports the frame, the support structure including a vest that is configured to be worn by the patient.
9. The apparatus of claim 3, wherein the plurality of constraints exactly constrain the patient's head relative to the frame.
10. The apparatus of claim 5, wherein the plurality of constraints exactly constrain the patient's head relative to the frame.
11. The apparatus of claim 7, wherein the plurality of constraints exactly constrain the patient's head relative to the frame.

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